

CLAIMS

What is claimed is:

1. A method for displaying JMX monitoring information, comprising:
 - receiving a request for a web page containing the status of a plurality of system components;
 - calling a first servlet operable to:
 - generate a plurality of image tags, each corresponding to one of the components and pointing to an instance of a second servlet, each image tag comprising information to perform a JMX query; and
 - generate an HTML file comprising the plurality of image tags;
 - loading in a web browser the web page based on the HTML file;
 - transmitting requests to the instances of the second servlet substantially in parallel for images represented by each image tag; and
 - for each instance of the second servlet:
 - performing a JMX query based upon the information within the image tag;
 - receiving a response from the JMX query, the response including a value representative of the status of the corresponding component;
 - generating an image comprising the returned value;
 - transmitting the image to the browser; and
 - displaying the image.
2. The method of claim 1, wherein displaying the image of a returned value representing the status of a corresponding component is not dependent upon the display of the image of a returned value representing the status of any other component.
3. A JMX status monitoring tool, comprising:
 - a client device;

a browser running on the client device;
a plurality of system components, each component having a current status;
a plurality of instances of a first servlet, each instance corresponding to one of the plurality of system components; and
a second servlet callable from the browser and programmed to:
generate a plurality of image tags, each corresponding to one of the plurality of components and pointing to an instance of a first servlet, each image tag comprising information to perform a JMX query; and
generate an HTML file comprising the plurality of image tags;
the browser programmed to:
load a web page based on the HTML file; and
transmit requests to the instances of the first servlet substantially in parallel for images represented by each image tag; and
each instance of the first servlet programmed to:
perform a JMX query based upon the information within the image tag;
receive a response from the JMX query, the response including a value representative of the status of the corresponding component;
generate an image comprising the returned value;
transmit the image to the browser; and
display the image.

4. The status monitoring tool of claim 3, wherein displaying the image of a returned value representing the status of a corresponding component is not dependent upon the display of the image of a returned value representing the status of any other component.

5. A computer program product of a computer readable medium usable with a programmable computer, the computer program product having computer-readable

code embodied therein for displaying JMX monitoring information, the computer-readable code comprising instructions for:

- receiving a request for a web page containing the status of a plurality of system components;

- calling a first servlet operable to:

- generate a plurality of image tags, each corresponding to one of the components and pointing to an instance of a second servlet, each image tag comprising information to perform a JMX query; and

- generate an HTML file comprising the plurality of image tags;

- loading in a web browser the web page based on the HTML file;

- transmitting requests to the instances of the second servlet substantially in parallel for images represented by each image tag; and

- for each instance of the second servlet:

- performing a JMX query based upon the information within the image tag;

- receiving a response from the JMX query, the response including a value representative of the status of the corresponding component;

- generating an image comprising the returned value;

- transmitting the image to the browser; and

- displaying the image.

6. The program product of claim 5, wherein displaying the image of a returned value representing the status of a corresponding component is not dependent upon the display of the image of a returned value representing the status of any other component.